The Rural District Council of Llantrisant & Llantwit Fardre.

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

for the year ending

31st DECEMBER, 1967

Council Offices,
"Danygraig",
LLANTRISANT,
Pontyclun, Glam.
CF7 8YD

The Rural District Council of Llantrisant & Llantwit Fardre.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH

YEAR ENDING 31st DECEMBER, 1967.

Chairman of the Council: Councillor T.Winslade Roderick, J.P.
Vice Chairman: Councillor D.J. Rees.

MEMBERS OF THE COUNCIL

Town Ward: Councillors J.D. Timothy, D.J. Harrison, T. John, R.K. Carter, W. Taylor and J. Bolt.

Tonyrefail Ward: Councillors J.A. Copeland, R. Cox, T.W.Roderick,J.P., S. Flowers, K. Pontin, and L.L.Carter, J.P.

Gilfach Goch Ward: Councillors B.N. Picken, D.J. Rees and Dr. W. Moody-Jones.

Llantwit Fardre Parish: Councillors Dr. G. Bond, R.W.Thomas and I.Hughes.

S T A F F

Medical Officer of Health:

EILEEN G. WATKINS: M.B., B.Ch., B.A.O., D.P.H., L.M. (ROT).

Public Health Inspectors:

J. GRAHAM C. SHORT: (Senior) C.S.I.B.,M.P.H.I.A.,Sanitary Inspectors' Certificate of the R.S.I. and S.I.E. Joint Board Meat and Other Foods Inspectors Certificate of the R.S.I., Diploma in Hygiene of the Royal Institute of Public Health and Hygiene (Sir Malcolm Morris prizewinner); Inter.B.Sc.(Wales);Final Zoology (Wales)

ALAN M. KELLY: M.A.P.H.I., M.R.S.H., M.R.P.A.

LEONARD GRIFFITHS: M.A.P.H.I., M.R.S.H. Diploma of the Public Health Inspectors' Education Board. Smoke Inspectors Diploma of the Royal Society of Health.

RONALD KEAR: Student Public Health Inspector.

CLERICAL: Mrs. Barbara Meredith.

P R E F A C E

Mr. Chairman and Gentlemen,

I have the honour to present the Annual Report of the Public Health of the district for the year 1967.

The Council continues to forge ahead with its building programme to provide houses for our ever increasing population. It is fair to say that much time and thought has been spent on the task of anticipating the housing needs of the people of the area. It is pleasing to note that the Council has now considered specialised housing to fulfil the needs of the Senior Citizens. In Tonyrefail it has been decided to earmark a valuable convenient site in one of the main thoroughfares where flats for the elderly, with a Warden service are to be built.

The provision of an adequate sewerage scheme for a rural area such as this in which urbanisation is rapidly taking place presents some difficulties. However, the Council Members are not unmindful of this situation and have given it active consideration. The plans for the erection of a sewage disposal works for the Cross Inn district are well in hand as also is a comprehensive works to cover the whole of the area.

The W.R.V.S. members continue to work voluntarily and efficiently delivering the Meals on Wheels for the aged and during the year 11,986 meals have been delivered.

I should like to thank the Chairman of the Public Health Committee and Members of the Council for their encouragement and support, the Council's Officials for their friendly co-operation and the Staff of the Health Department for their help and loyalty during the year.

I am,

Mr. Chairman and Gentlemen,

Your Obedient Servant,

EILEEN G. WATKINS,

Medical Officer of Health.

Public Health Department,
Danygraig,
LLANTRISANT.

GENERAL STATISTICS

Area of District		18,433 acres.
Population:	Est. Mid year, 1967	30,920
	Census 1961	27,109
Number of Private dwellings:		
	Est. 1967	9,800
	Census 1961	7,631
Number of Private households:		
	Est. 1967 (1965 10% Census)	9,016
	Census 1961	7,811
Rateable Value of District:		
	March, 1967	£1,051,657.
Sum Produced by Penny Rate:		
	March, 1967	£4,204.

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11. VITAL STATISTICS.

LIVE BIRTHS:

	Males	Females	Total
Legitimate	339	288	627
Illegitimate	11	18	29
	350	306	656

Live Birth Rate per 1,000 population:

	Crude	Adjusted	England and Wales
Comparability Factor - 0.95	21.2	20.1	17.2

Illegitimate Live Births.

Males	Females	Total
11	18	29

Percentage of total live births: 4.42

STILLBIRTHS:

	Males	Females	Total
Legitimate	3	5	8
Illegitimate	-	-	-
	3	5	8

Stillbirth rate per 1,000 total live and stillbirths: 12.05
England and Wales: 14.8

TOTAL LIVE AND STILLBIRTHS: 664

INFANT DEATHS

Deaths under 1 year:

	Males	Females	Total
Legitimate	5	5	10
Illegitimate	-	-	-
	5	5	10

Infant Mortality:

Rate per 1,000 total live births:	17.2
Total Infant Deaths per 1,000 total live births, England and Wales:	18.3

Neo-Natal Mortality Rate:

	Males	Females	Total
Legitimate	3	3	6
Illegitimate	-	-	-
	3	3	6

Deaths under 4 weeks per 1,000 total live births:	9.15
England and Wales:	12.5

Early Neo-Natal Mortality Rate:

	Males	Females	Total
Legitimate	3	3	6
Illegitimate	-	-	-
	3	3	6

Perinatal Mortality Rate: Total 21

Stillbirths and deaths under 1 week combined Rate per 1,000 total live and stillbirths, England and Wales:	25.4

MATERNAL MORTALITY (including Abortion)

There were no deaths under the heading pregnancy, childbirth or abortion.

2. HOME BIRTHS, PREMATURE INFANTS, ETC:

The following information has kindly been furnished by the Divisional Medical Officer of Health:-

There were 41 premature births notified during the year (i.e. birth weight of 5½ lbs or under) of which there were 6 stillbirths. This compares with 53 births and no stillbirths for 1966.

No. of live births at home:	141
No. of stillbirths at home:	1
No. of live births born in hospitals outside the area:	503
No. of stillbirths born in hospitals outside the area	6
Therefore No. born in hospitals within the area:	327
No. of stillbirths in hospital within the area.	6

3. DEATHS:

	Males	Females	Total
Total Deaths:	176	147	323

The crude death rate is 10.45 (comparability factor 1.27)

Tuberculosis Death Rate:

There was 1 death from this disease compared with 3 in 1966.

Other Respiratory Diseases Death Rate:

The number of deaths from Bronchitis, Pneumonia and other Respiratory diseases was 37 for 1967 against 36 for the previous year making a rate in relation to total deaths of 114.55 per 1,000 deaths against 129.15 for the previous year.

Cancer.

Deaths from Cancer were 65 as compared with 42 for the previous year. The organs affected according to classification by the Registrar General were:-

	Male	Female	Total
Stomach	1	6	7
Lungs, Bronchus	12	2	14
Breast	-	7	7
Uterus	-	4	4
All other sites	19	14	33
	32	33	65

Rate in relation to total deaths is 201.24 per 1,000 deaths in 1967 against 145.74 for the previous year.

Leukaemia, Aleukaemia:

There was one death under this classification for 1967, compared with two recorded for 1966 being 3.10 per 1,000 total deaths.

Infant Mortality Classification:

	Total under 1 week	Weeks 1-2-3-4	Total 1-4 weeks	Months 1-3-6-9-12	Total 1-12 months	Total all deaths under 1 yr.
Prematurity	11					
Respiratory Failure	11			1		
Respiratory Infection				1		
Bronchopneumonia				1		
	22			3		

26 APR 1968
PUBLIC HEALTH DEPT.

25 APR 1968

GLAMORGAN (ADMINISTRATIVE COUNTY) VITAL STATISTICS, 1967

		Estimated Population 1967	LIVE BIRTHS: Number of Live Births	LIVE BIRTHS: Rate per 1000 population: Crude	LIVE BIRTHS: Rate per 1000 population: Adjusted	DEATHS: Number of Deaths	DEATHS: Rate Per 1000 Population: Crude	DEATHS: Ratio of local adjusted Death rate to national rate	Still-birth rate per 1000 total births	INFANT MORTALITY: Rate per 1000 live births	PERINATAL MORTALITY: Still-births & deaths under 1 week	PERINATAL MORTALITY: Rate per 1000 live & still births
England and Wales		48,390,800	832,000		17.2	542,519	11.2		14.8	18.3	21,447	25.4
Administrative County		745,200	12,356	16.6	16.9	8,761	11.8	1.20	19.0	19.0	380	30.0
Urban Districts		524,670	8,394	16.0	16.5	6,254	11.9	1.21	20.0	20.0	276	32.0
Rural Districts		220,530	3,962	18.0	18.2	2,507	11.4	1.16	16.0	17.0	104	26.0
Health Division	Constituent Districts.											
Aberdare and Mountain Ash	Aberdare Urban	38,450	608	15.8	17.2	560	14.6	1.33	11.0	26.0	17	28.0
	Mountain Ash Urban	29,170	485	16.6	16.6	347	11.8	1.26	8.0	23.0	11	22.0
Caerphilly and Gelligaer	Caerphilly Urban	38,370	760	19.8	19.4	391	10.2	1.17	19.0	20.0	21	27.0
	Gelligaer Urban	34,770	657	18.9	18.9	385	11.1	1.28	16.0	29.0	17	25.0
Mid-Glamorgan	Bridgend Urban	15,110	194	12.8	13.2	143	9.5	0.92	10.0	15.0	4	20.0
	Maesteg Urban	21,350	321	15.0	15.6	268	12.6	1.40	12.0	22.0	11	34.0
	Ogmore and Garw Urban	20,490	325	15.9	16.4	237	11.6	1.24	33.0	12.0	14	42.0
	Porthcawl Urban	12,810	216	16.9	18.9	170	13.3	1.05	14.0	14.0	4	18.0
	Penybont Rural	47,560	1,047	22.0	21.1	552	11.6	1.00	18.0	24.0	36	34.0
Neath and District	Neath M.B.	30,030	399	13.3	13.8	368	12.3	1.18	20.0	23.0	15	37.0
	Neath Rural	40,920	615	15.0	15.6	488	11.9	1.30	28.0	20.0	25	39.0
Pontypridd and Llantrisant	Llantrisant Rural	30,920	656	21.2	20.1	323	10.4	1.18	12.0	15.0	14	21.0
	Pontypridd Urban	35,000	558	15.9	16.2	431	12.3	1.15	19.0	11.0	14	25.0
Port Talbot and Glyncorrwg	Glyncorrwg Urban	9,490	177	18.7	18.1	88	9.3	1.20	33.0	23.0	8	44.0
	Port Talbot M.B.	51,600	823	15.9	15.7	535	10.4	1.26	21.0	17.0	27	32.0
South East Glamorgan	Barry M.B.	42,470	661	15.6	16.1	444	10.5	1.02	27.0	23.0	31	46.0
	Cardiff Rural	33,830	640	18.9	18.0	367	10.8	1.03	8.0	9.0	7	11.0
	Cowbridge M.B.	1,150	22	19.1	19.3	5	4.3	0.36	43.0	-	1	43.0
	Cowbridge Rural	21,900	394	18.0	19.3	155	7.1	1.03	17.0	18.0	11	27.0
	Penarth Urban	22,390	371	16.6	17.9	290	13.0	1.08	19.0	24.0	13	34.0
West Glamorgan	Gower Rural	15,540	244	15.7	16.8	159	10.2	0.97	4.0	8.0	1	4.0
	Llwchwr Urban	25.570	392	15.3	16.4	301	11.8	1.16	18.0	13.0	10	25.0
	Pontardawe Rural	29,860	366	12.3	13.9	463	15.5	1.40	19.0	16.0	10	27.0
Rhondda M.B.		96 450	1.425	14.8	15.2	1,291	13.4	1.35	28.0	18.0	58	40.0

GF/BH.

Causes of Death According to Registrar General's Report.

	Male	Female
All Causes:	176	147
Tuberculosis, Respiratory	1	-
Malignant Neoplasm, Stomach	1	6
Malignant Neoplasm, Lungs, Bronchus	12	2
Malignant Neoplasm, Breast	-	7
Malignant Neoplasm, Uterus	-	4
Other Malignant and Lymphatic Neoplasms	19	14
Leukaemia, Aleukaemia	1	-
Diabetis	-	2
Vascular Lesions of Nervous System	27	28
Coronary Disease, Angina	38	25
Hypertension with Heart disease	6	5
Other Heart Disease	9	17
Other Circulatory Diseases	6	7
Influenza	1	2
Pneumonia	-	5
Bronchitis	21	1
Other diseases of Respiratory System	10	-
Ulcer of Stomach and Duodenum	-	1
Nephritis and Nephrosis	2	-
Hyperplasia of Prostate	3	-
Congenital Malformations	2	2
Other Defined and Ill-defined Diseases	7	14
Motor Vehicle Accidents	4	-
All other Accidents	3	4
Suicide	3	1

4. INFECTIOUS DISEASES.

New Notifications of Tuberculosis in Each Ward.

	Pulmonary		Non-Pulmonary		Total	
	M.	F.	M.	F.	M.	F.
Tonyrefail Ward	-	-	-	-	-	-
Gilfach Goch Ward	-	-	-	-	-	-
Town Ward	2	1	1	-	3	1
Llantwit Fardre Parish	1	-	-	-	1	-
	3	1	1	-	4	1

New cases of Tuberculosis in Age Groups.

Age	Respiratory		Non-Respiratory	
	M.	F.	M.	F.
Under 1 year	-	-	-	-
1 - 4 years	-	-	-	-
5 - 14 years	-	-	-	-
15 - 24 years	-	-	-	-
25 - 44 years	1	-	-	-
45 - 64 years	2	1	-	-
65 years and over	-	-	1	-
	3	1	1	-

The number on the register at the end of the year was:

	Male	Female	Total
Pulmonary	87	93	180
Non-pulmonary	22	12	34
	109	105	214

There was one death due to pulmonary tuberculosis in 1967 compared with three in 1966 and also there were no deaths from other forms of Tuberculosis. There were nine admissions to hospital for treatment during the year.

The number of new cases of tuberculosis notified during the year was five against seven for 1966.

Infectious diseases (other than Tuberculosis) in age groups:

	Scarlet Fever	Whooping Cough	Measles	Dysentery	Pemphigus Neonatorum
Under 1 year	-	1	14	-	1
1 year	-	2	23	-	-
2 years	3	5	24	-	-
3 years	-	1	21	-	-
4 years	-	3	21	-	-
5 - 9 years	1	5	62	-	-
10 - 14 years	-	2	9	-	-
15 - 24 years	-	-	10	-	-
25 years and over	-	-	3	2	-
Age unknown	-	-	1	-	-
	4	19	188	2	1

	Pneumonia	Food Poisoning	Puerperal Pyrexia	Meningococcal Infection
Under 5 years	-	3	-	-
5 - 14 years	1	-	-	2
15 - 44 years	3	3	1	-
45 - 64 years	1	-	-	-
65 and over	1	-	-	-
Age unknown	-	-	-	-
	6	6	1	2

Prevalence and control of Infectious and other Diseases.

The duties are carried out under this Authority, but the County Medical Officer of Health, through his Divisional Medical Officer for the area must be informed within 48 hours of all notifiable diseases occurring in this district for which a fee is paid by the County Council.

The number of cases notified during the year was 234 compared with 639 for 1966.

Number of cases of Infectious Diseases admitted to hospital, with numbers of corrected notifications:

	No. of Corrected Notifications	No. Admitted to hospital	Total Deaths
Pemphigus Neonatorum	1	1	-
Pneumonia	6	-	5
Puerperal Pyrexia	1	1	-
Scarlet Fever	4	-	-
Whooping Cough	19	4	-
Measles	188	-	-
Food Poisoning	6	-	-
Dysentery	2	-	-
Tuberculosis (Other)	1	1	-
Tuberculosis (Respiratory)	4	5	1
Meningococcal Infection	2	1	-
	234	13	6

5. HOSPITALS:

The hospitals which serve the area are:-

(a) General:
(i) East Glamorgan Hospital, Church Village.
(ii) Llwynypia Hospital.
(iii) Cardiff Royal Infirmary.
(iv) St. David's Hospital, Cardiff.
(v) Bridgend General Hospital.
(vi) Llandough Hospital.
(vii) Whitchurch Hospital (Also partly special)
(viii) Dewi Sant Hospital, Pontypridd.
(ix) Subsidiary Hospitals such as Pontypridd Cottage, Rookwood, Treherbert and Pentwyn.
(x) Rhiwfelin Hospital which is now used as an Annexe for the Dewi Sant Hospital, Pontypridd. for the aged, chronic sick and epileptic patients.
(xi) Tonteg and Glancly Hospitals: Chest patients and geriatric patients.

(b) Infectious Diseases: Generally patients are sent to Tyntyla Hospital, Ystrad or to Lansdowne Hospital, Cardiff.

(c) Mental: Usually Morgannwg, Penyfai, Glanrhyd and Par , Whitchurch, and Hensol.

(d) Tuberculosis: Any tuberculosis hospital in Wales, usually Tyntyla or Sully.

(e) Orthopaedic: Rhydlafar.

(f) Maternity: Glyncornel and General Hospitals' Maternity Units.

(g) Burns and Plastic Surgery Unit: St. Lawrence's Hospital, Chepstow.

6. AMBULANCE FACILITIES:

The Ambulance Service is administered by the Glamorgan County Council.

In this area the main station is at Hawthorn (Telephone Nos. Pontypridd 3486/7 and Pontypridd 3327/8).

The Ambulance Station at Gilfach Goch is now manned by five drivers providing active cover for 24 hours per day.

Llantrisant is still provided with a sub-station on the old basis, whereby a driver can be called out at night when the need arises.

An ambulance station site is still being sought at Talbot Green.

All ambulances in the County of Glamorgan are in radio contact with the Control Station.

7. MENTALLY SUB-NORMAL PERSONS:

There are 64 sub-normal and 39 severely sub-normal persons in this district as compared with 54 sub-normal and thirty two severely sub-normal persons last year.

8. REGISTERED BLIND PERSONS:

In 1966 there were 58 registered blind persons in this area and 24 partially sighted; in 1967 the numbers registered are now 68 blind persons and 30 partially sighted persons in this area.

9. HOUSING ACTS.

Number of Demolition Orders	Nil
Number of Closing Orders Pursuant to Sect.17 of the Housing Act 1936	6
Prosecutions in Default of Compliance with Notice (Sect.93 Public Health Act 1936)	Nil
Closing Orders and Demolition Orders revoked	2

10. CONSTRUCTIONAL UNDERTAKINGS.

I wish to thank the Council's Surveyor for the following information:-

Council Houses completed in 1967	348
Total number of permanent post-war houses	3 ,002
Total number of temporary post-war houses	100
Total post-war houses	3, 450
Total number of pre-war houses	854
Total number of Council houses	4, 304
Council houses under construction in 1967	89
No. Private enterprise houses completed in 1967	226
No. Private enterprise houses under construction	408
No. Police houses erected post-war	12
Total number of Prefabs.demolished	64

Roads, Sewers and Water mains were constructed for Council Housing sites at Cae Fardre, Capel - Phase 1. Dustbins have been issued to all properties within the Council's area, and are issued to new peoperties on completion. 394 requests to empty cesspits were attended to.

42 applications were received for Improvement Grants, of which 37 were approved.

The Council's permanent caravan park at Penycoedcae Road, Beddau, continues to provide a need in the area, all 53 standings continue to be occupied.

11. RODENT CONTROL.

The Council employs one full time rodent operator and during the year 765 properties were treated. Sewers were tested and treated in the manner recommended by the Ministry of Agriculture, Fisheries and Food. As in previous years, private houses were treated free of charge, but the cost of treating business premises was met by the occupiers. The Rodent Control in Factories scheme continues to operate satisfactorily for those factories participating in the scheme for an annual premium of £10. 0.0d.

12. SWIMMING POOLS:

Two indoor swimming pools are maintained in the area. One situated at Llantrisant and the other at Tonyrefail. The water is regularly sampled for bacteriological and chemical analysis.

13. MEALS ON WHEELS SERVICE:

This service is operated by voluntary workers and is now well established. On 18th September, 1967 an outing to 'Longleat' was arranged in appreciation of the help given by the W.R.V.S. workers.

14. LABORATORY SERVICES:

All laboratory examinations necessary for the Public Health Service are carried out at the Cardiff and County Public Health Laboratories. These are:-

(a) Bacteriological and Chemical Examinations in relation to the control of infectious and contagious diseases.

(b) Bacteriological and/or Chemical examinations of

(i) Milk. (ii) Drinking Water. (iii) Ice-cream.

(c) Any other examinations which may be deemed necessary such as examinations of foodstuffs other than milk.

(d) Examinations connected with atmospheric pollution and radio-activity of rainwater and drinking water.

(e) Examination of sewage samples.

15. LICENCES:

The following licences were in force during 1967:

Icecream Manufacturers	5
Premises licensed to sell pre-packed incecream	117
Slaughtermen	6
Slaughterhouses	2
Manufacturers of Preserved Food	9
Firework Licences	46
Explosive Stores Licences	2
Petroleum Acts and Regulations	60
Cinemas	2
Scrap Metal Dealers	7

16. ATMOSPHERIC POLLUTION:

The measurement of atmospheric pollution continued at Talbot Green and the Clinic, Church Village. Results show the pollution remains at a generally low level and details of monthly readings together with the monthly mean temperature and rain fall is given over leaf.

DATE	DANYGRAIG	LLANTRISANT	TALBOT	GREEN	CHURCH VILLAGE		
1967	DAILY SMOKE FILTER μgms.Cu.M.	Titration Average SO_2 mg. Per day.	Deposit Gauge Tons Per Sq.Mile.	Lead Dioxide Instrument mg. SO_3	Lead Dioxide Instrument mg.SO_3 per day.	Mean Monthly Temperature °F	Rainfall in Inches.
JANUARY	16.41	40.43	17.94	0.55	0.38	40.55	1.90
FEBRUARY	13.66	41.83	17.57	0.45	0.34	42.29	5.92
MARCH	6.86	47.36	18.34	0.21	0.29	45.68	4.36
APRIL	15.2	61.54	* Nil	0.45	1.36	48.875	* Nil
MAY	8.29	34 6	15.54	0.19	0.17	54.42	4.99
JUNE	[illegible].5	31.86	9.04	0.55	0.70	61.23	1.55
JULY	7.32	37.82	14.37	0.18	0.28	64.87	5.00
AUGUST	7.59	22.96	17.51	0.67	0.24	62.14	5.00
SEPTEMBER	10.21	21.71	0.59	0.18	0.20	57.53	5.02
OCTOBER	6.46	29.25	0.15	0.36	0.19	51.33	5.00
NOVEMBER	25.5	68.36	0.107	0.28	0.29	42.95	3.8
DECEMBER	18.86	27.23	0.520	0.61	0.22	41.36	5.08

* Not Available.

17. RECORD OF INSPECTIONS AND VISITS.

1.	Housing Acts	
	1st Visit	306
	2nd Visit	148
2.	Public Health Acts	
	1st Visit	309
	Re-Visits	94
3.	Caravan Park	25
4.	Other Caravan Visits	13
5.	Dairies	29
6.	Factories	72
7.	Infectious Diseases	63
8.	Rodent Infestations	38
9.	Vermin Infestations	31
10.	Drainage	137
11.	Closet conversion	11
12.	Meat inspection	521
13.	Food inspection	84
14.	Bakeries	9
15.	Food hygiene:	
	General	168
	Mobile Shops and Delivery Vehicles	62
16.	Clean Air Act	76
17.	Offices, Shops and Railway Premises Act	242
18.	Council house inspection	162
19.	Miscellaneous (Inc.extraneous duties)	688
20.	Samples:	
	Water	26
	Milk	14
	Ice-Cream	3
	Trade effluent	2
21.	Refuse Disposal	8
22.	Explosive Acts	4
23.	Litter Act	13
24.	Petroleum Act	13
	Total =	3,371

18. WATER SUPPLY:

The total consumption of water in 1967 was 663,290,000 gallons compared with 634,000,000 in 1966, and the approximate number of houses supplied is 9,800.

A total of 26 bacteriological examinations were taken at various points in the district from the piped supply with the following results:-

No. of Samples Taken = 26. No. of Unsatisfactory Results = 3.

All previous sources of supplies were transferred to the Taf Fechan Water Board on 1st April, 1966.

18. WATER SUPPLY (cont'd)

The following is a report on a sample of water taken from the Taf Fechan Water Supply submitted for Chemical Analysis, showing faintly alkaline water.

Appearance in two foot tube	Clear
Colour (Burgess Scale) Units	5
Reaction, p^h value	7.7
Total Hardness	43
Chlorides (expressed as Cl)	13
Nitrates (expressed as N)	0.1
Nitrates (expressed as N)	0.002
Ammonical Nitrogen	0.006
Albumenoid Nitrogen	0.006
Metals - Iron	Nil
Residnal Chlorine	0.01
Volume of Sediment	0.5
Microscopical Examination of Sediment	Nil Amorphous debris

REMARKS

A clear soft slightly alkaline water of good organic quality. The physical and chemical characters of the water are satisfactory.

There are extremely few properties not supplied with mains water within the area. All new mains on housing sites etc., are chlorinated for a period of twenty four hours before being put into service and fire hydrants are flushed periodically on mains subject to very low flow. Very few complaints of dirty water have been received and in each case the cause has been turbulance in the main when charging up after maintenance work.

2,500 yards of main have been cleaned and re-coated and a further 3,000 yards are scheduled for the same process.

In terms of gallons per head per day the following is at the moment correct:-

In the southern area, that is the area south of the line from Llantrisant town to Tonteg, the domestic consumption is 44 gallons per head per day and the industrial expressed in the same terms is 22 gallons per head. In the northern area the domestic is 39.3 gallons per head and the industrial is 5.5 gallons per head.

The above informatien has been kindly furnished by the Taf Fechan Water Board.

19. EXAMINATION OF MILK SAMPLES.

The following samples of milk were submitted to the Public Health Laboratory at Cardiff for bacteriological examination:-

	Satisfactory	Unsatisfactory	Total
Homogenised	-	-	-
Pasteurised	-	-	-
Sterilised	-	-	-
T.T. Pasteurised	2	-	2
T.T. (Raw)	12	-	12
C.I. Pasteurised	-	-	-
	14	-	14

20. MANUFACTURE, STORAGE AND SALE OF ICE CREAM:

There were no new applications for the registration of premises for the sale of prepacked ice cream during the year. There are now 117 premises registered for the sale of ice cream in this area; 5 are licensed for the manufacture and sale of ice cream.

Although some of the three samples of ice cream taken for analysis were made locally, the majority were produced by the large nationally known ice cream manufacturers.

In general, samples in Grades I and II can be regarded as satisfactory. The following table shows the results of analysis, and refers to the keeping quality of the ice cream.

Grade I Satisfactory	Grade II Fair	Grade III Unsatisfactory	Grade IV Very Unsatisfactory
3	-	-	-

21. RAINFALL:

During 1967 the rainfall recorded at the Duffryn Sewage Works, Tonyrefail, amounted 68.97 inches compared with 64.94 inches in 1966. At Talbot Green, rainfall on the Magistrate's Court Roof was recorded as 47.62 inches for 11 months compared with 51.53 inches in 1966.

22. HOUSING REPAIRS:

During the year 10 houses were repaired as a result of informal action; 18 as a result of service of formal notices. There was 1 application for a Certificate of Disrepair during 1967.

23. CLOSET CONVERSIONS.

Conversions have been completed by installing flushing apparatus in 3 closets during the year, bringing the total to 265 water closet conversions for which grants have been paid by the Council since 1953 when the scheme commenced.

24. FOOD INSPECTION.

A total of 97 samples of foodstuffs were taken by the County Public Health Inspectors in the Llantrisant and Llantwit Fardre Rural District during the year under review, under the Food and Drugs Act 1955.

The following list of foodstuffs inspected and voluntarily surrendered was found to be unfit for human consumption and was disposed of by burning or burying at one of the Council's refuse tips:-

Tinned meat	373 lbs.	8 ozs.
Tinned fruit	534 lbs.	8 ozs.
Tinned tomatoes	90 lbs.	
Tinned soup	6 lbs.	12 ozs.
Tinned vegetables	36 lbs.	1 oz.
Tinned cream	-	12 ozs.
Tinned pudding	-	10 ozs.
Smoked hake	45 lbs.	-
Boxed fish	35 lbs.	-
Tinned fish	5 lbs.	9 ozs.
	1,261 lbs.	2 oxs.

also 134 lbs. 11 ozs. of miscellaneous frozen foods.

10 x 24 crates lettuce.

40 Shell Eggs.

1¾ pints tinned milk.

11 bars Chocolate.

69 x 20 cases Peaches.

25. MEAT INSPECTION:

Carcases and Offal inspected and condemned in whole or in part

	Cattle (except cows)	Cows	Calves	Sheep & Lambs	Pigs
Number killed (if known)	112	-	2	1286	1547
Number inspected	112	-	2	1286	1547
All diseases except Tuberculosis and Cysticercosis					
Whole carcases condemned	-	-	-	1	4
Carcases of which some part or organ was condemned	62	-	1	374	228
Percentage of the number inspected affected with disease other than tuberculosis and cysticercosis	55.36%	-	50%	29.16%	15.00%
Tuberculosis only.					
Whole carcases condemned	-	-	-	-	1
Carcases of which some part or organ was condemned	-	-	-	-	19
Percentage of the number inspected affected with tuberculosis	-	-	-	-	1.29
Cysticercosis					
Carcases of which some part or organ was condemned	6	-	-	76	67
Cases submitted to treatment by refrigeration	-	-	-	-	-
Generalized and totally condemned	-	-	-	-	-

25. CONDEMNATIONS:

Bovine:

Lungs	20½ lbs.
Livers	500½ lbs.
Heads	4 lbs.

Pig:

Carcases	4 Whole Carcases.
Lungs	245½ lbs.
Livers	152½ lbs.
Heads	66 lbs.
Hearts	10¼ lbs.
Legs	45 lbs.
Quarters	1 fore and hind.

Sheep:

Carcases	18 lbs.
Lungs	153½ lbs.
Livers	314¼ lbs.
Hearts	2¼ lbs.
Flanks	1 pair.

26. SEWAGE DISPOSAL AND SEWERAGE.

The following are results of examination of samples of sewage effluent taken by the Glamorgan River Board during the year. The Surveyor as Chief Officer in charge of the sewage works, is notified of unsatisfactory samples and takes the appropriate action.

	Number of Samples	Satisfactory	Unsatisfactory
Rhiwsaeson	5	4	1
Duffryn	11	9	2

Results of routine sampling of sewage, effluents and trade effluents by Public Health Inspectors are given below:-

Type	Number of Samples	Report
Trade Effluents	4	Unsatisfactory.

27. FACTORIES ACT 1961.

Part 1.

1. Inspections for purpose of provisions as to health (including inspections made by Public Health Inspectors).

Premises (1)	Number on Register (2)	Number of Inspections (3)	Written Notices (4)	Occupiers prosecuted (5)
(i) Factories in which Sec 1,2,3,4 and 6 are to be enforced by L.A.	20	9	-	-
(ii) Factories not included in (i) by which Sec.7 is enforced by Local Authorities	108	60	-	-
(iii) Other Premises in which Sec. 7 is enforced by Local Authority (excluding outworkers premises)	8	3	-	-
TOTAL:	136	72	-	-

2. Cases in which defects were found (if defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more 'cases').

Particulars (1)	No. of cases in which defects found: Found remedied (2)	(3)	To H.M. Inspector (4)	Referred By H.M. Inspector (5)	No of cases in which prosecutions were instituted. (6)
Want of cleanliness (S.1)	-	-	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable temperature (S.3)	-	-	-	-	-
Inadequate ventilation (S.4)	-	-	-	-	-
Ineffective drainage of floors (S.6)	-	-	-	-	-
Sanitary Conveniences (S.7)					
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or defective	1	1	-	1	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to Outwork)	-	-	-	-	-
TOTAL:	1	1	-	1	-

PART V111 Factories Act 1961.

	Section 133		Section 134			
Nature of Work	No.of outworkers in August list required by Sec.133 (1) (c)	No.of cases of default in sending lists to Council	No.of prosecut-ions for failure to supply lists	No.of instances of work in unwhole-some premises	Notices Served	Pros-ecut-ions
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Wearing)Making apparel) etc	86					
)Cleaning						
Household linen						
Lace,lace curtains and nets						
Curtains and furn-iture hangings						
and other various						
TOTAL:	86	-	-	-	-	-

28. OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

Action under this Act was continued during the year, the Public Health Inspectors being the Officers appointed to enforce the provisions of the Act.

The results as reported to H.M. Factory Inspectorate are summarised in the table overleaf.

A number of premises were found not to require registration and were consequently removed from the register, this usually being due to the section of the Act that exempts shops operated by members of the same family from the need to register. This accounts for the drop in the total number of premises registered compared with the previous year.

Progress continues, although at a rather slow rate, partly because pressure of work is increasing constantly in proportion as the population of the District increases, and partly owing to the policy of persuasion rather than prosecution which continued during the year.

One accident was reported under the provisions of the Act during the year. This accident occurred in a grocery store and involved a sixteen year old shop assistant who sustained a severe cut from a bacon slicing machine. The firm were subsequently prosecuted and fined.

Staff:

The normal establishment of three Public Health Inspectors are appointed to implement the Act.

THE OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963.

Annual Report under Section 60 to the Minister of Labour for year ended 31st December 1967.

TABLE A

REGISTRATIONS & GENERAL INSPECTIONS

Class of premises (1)	No.premises newly registered during year (2)	Total No. registered premises at end of year (3)	No.reg. premises receiving one or more general inspections during year. (4)
Offices	3	36	26
Retail Shops	2	88	88
Wholesale shops, Warehouses	-	2	4
Catering establishments open to the public, Canteens	-	28	26
Fuel Storage Depots	-	1	1
Totals	5	155	145

TABLE C

ANALYSIS BY WORKPLACE OF PERSONS EMPLOYED IN REGISTERED PREMISES AT END OF YEAR

Class of Workplace (1)	No.persons employed (2)
Offices	138
Retail Shops	287
Wholesale Depts., Warehouses.	78
Catering Establishments open to Public	71
Fuel Storage Depots	1
Totals	575

TABLE B

No.of Visits of all kinds (including General Inspections) to registered Premises. 145

Total Males	301
Total Females	274